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CENTRAL FAX CENTERAppl. No. 10/044,692  
Supplemental Amdt. dated September 21, 2006SEP 21 2006 PATENTAmendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

25. (Currently amended) A composition comprising an isolated nucleic acid containing a nucleic acid that encodes a chimeric protein consisting of an immunogenic fragment of SEQ. ID NO:2 fused to another amino acid sequence protein that enhances the adaptive immune response to said fragment of SEQ. ID NO:2.

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71. (New) A composition containing a nucleic acid encoding a polypeptide consisting of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

72. (New) A composition containing a nucleic acid encoding a polypeptide that comprises the sequence of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

73. (New) A composition containing a nucleic acid that encodes a polypeptide comprising a sequence at least 98% identical to the 1132 residues of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

74. (New) A composition containing a nucleic acid encoding a polypeptide consisting of at least 10 contiguous amino acids of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

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75. (New) A composition containing a nucleic acid encoding a polypeptide consisting essentially of at least 10 contiguous amino acids of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

76. (New) A composition containing a nucleic acid encoding a polypeptide that comprises at least 10 contiguous amino acids of SEQ. ID NO:2, wherein the composition elicits an adaptive immune response against hTRT (SEQ. ID NO:2) when administered to a subject.

77. (New) A composition containing a nucleic acid encoding a polypeptide selected from:

- (a) the amino acid sequence SEQ ID NO:2; and,
- (b) an immunogenic fragment of SEQ ID NO:2,

wherein the composition, when administered to a subject, induces an adaptive immune response against hTRT (SEQ ID NO:2).

78. (New) A composition containing a nucleic acid that encodes a chimeric protein comprising an immunogenic fragment of SEQ. ID NO:2 fused to another amino acid sequence that enhances the adaptive immune response to said fragment of SEQ. ID NO:2.